

Additions and Corrections in Vol. XLVIII.

PAGE 19, to the end of the third paragraph relating to Sir Isaac Newton's Chronology, add this Note:

I think myself bound, for the sake of truth, to say, that I was misinformed in what I have said here concerning Sir Isaac Newton's Chronology; for I find since, that the five first chapters of that work had received his finishing hand; that he had resolved to publish it in his life-time; and that it was only the *short Chronicle*, which had been surreptitiously translated and printed in France. I am greatly obliged to the present Lord Bishop of Bangor for this intimation, supported by many curious particulars of what passed in conversation on that head between Sir Isaac and his Lordship.

Page 534. l. 11. *delete the semicolon after vane, and insert it after broad.*—p. 535. l. 23. *insert a comma after agate, and delete that after likewise.*—p. 536. l. 16. *for fourth read fourteenth.*—p. 602. l. 9. *after contact add a colon; l. 11. instead of a semicolon after wood, insert a comma, and the semicolon after varnish'd.*—p. 604. l. 29 *for the other end acts read the other end of the last-mentioned bar acts.*—605. l. 19. *for plate read place; l. 27. for $\pi\pi\pi$ read $\pi\pi\pi$.*—p. 609. l. 3 *for I read T; l. 19. for I read T.*—p. 610. l. 1. *delete A Table of; l. 2. for Col. 6. read Col. 7; after determined add as also that in No. 3 Col. 5.*

In TAB I. *between p. 610 and 611. in the Title of the Columns 9 and 12. for different parts read difference of parts.*

In the same Table, Col. 1st, 2d, 3d, 4th, 5th, 6th, 7th, and 8th, are sufficiently explained by the titles upon them in the Table. Col. 9th is the difference of the numbers in columns 3d and 7th, and expresses the differences of expansion of the basis and the bar measured, between the different degrees of heat expressed in the 10th column; which column consists of the differences between col. 4th and 8th.—Col. 11th is made by proportioning the numbers in col. 10th, to what they ought to be, upon the supposition of an uniform expansion, in case the difference of heat had been constantly 166 degrees of Farenheit.—Col. 12th, 13th, and 14th, are made in the same manner, from columns 3d and 5th, 4th and 6th, as columns 9th, 10th, 11th, are made from columns 3d and 7th, 4th and 8th.—Col. 15th is made by saying as 166° is to 66°, so is any number in col. 11th to its correspondent one in col. 15th; which, was the expansion quite uniform, or in the same ratio as that of quicksilver, ought to agree with col. 14th.—Col. 16th contains the differences of col. 14th and 15th, which are the irregularity of the expansion,

panfion, or the deviation of the numbers in col. 14th, from what they fhould have been, in cafe the metals had expanded equably — *N. B.* If the numbers in col. 11th are added or fubtracted, according to the figns in col. 9th, to or from the conftant number 287.5, which is the expansion of the bafis, this will give the real expansion of the bars in parts of the micrometer, by a difference of heat equal to 166 degrees of Farenheit; taken fomewhat above freezing, and below the boiling heat.—The expansion of the bafis for 66° above the lower heat before-mentioned is 114.5. This alfo is a conftant number; from or to which if the numbers in columns 14th and 15th are added or fubtracted, according to the figns in column 9th; the real expansions will be given for 66°; the firft as it turns out from experiment, the other as it fhould turn out upon a fuppoftion of equable expansion; but as the numbers fo obtained from columns 14th and 15th will have the fame arithmetical differences as the numbers in 14th and 15th columns have, the irregularity, in proportion to the whole expansion, will be very little; and in general fo fmall that it may in a great meafure be owing to fome inaccuracy in making the experiments themfelves.

Page 696. line 25. *for ליקרא, read ליקרה, or ליקרא,*— p. 695.
 l. 4. p. 707. l. 7, 29. p. 715. l. 10. *for ליקרא read ליקרה*— p. 708.
 l. 4. *for* SENATVS POPVLVSQVE *read* SENATVS' POPVLVS-
 QVE HONORIS CAUSA— p. 708. l. 11. *for* DECREED HIM, *read*
 DECREED HIM, IN ORDER TO DO HIM HONOUR,— p. 717.
 l. 7. of the Hebrew infcription *for* יסרביית *read* אסרביית— p. 724.
 l. 23. *for* eighth *read* feventh— p. 733. l. 25. *for* fame, *read* fame
 p. 735. l. 6. *for* Romans. *read* the Romans.— p. 735. l. 19. *for* writers;
read writers,— p. 736. l. 4. *for* MALACHBELVS *read* MALACH-
 BELVS;— p. 737. l. 20. *for* of which *read* of which,— p. 739. l. 1. *for*
 admit, *read* admit— p. 748. l. 5. *for* Nu *read* Ny— p. 750. l. 18. *for*
 Aglibolus, and Malachbelus, *read* Aglibolus and Malachbelus,— p. 750.
 l. 25. *for* Baal Shemesh. *read* named him Baal Shemesh.